

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	Not Assigned
Filing Date	Herewith
First Named Inventor	Pronita Mehrotra
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	297/144/2

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
MJ	A	6,243,720		Munter et al.	06/05/2001	
MJ	B	6,237,061		Srinivasan et al.	05/22/2001	
MJ	C	6,223,172		Hunter et al.	04/24/2001	
MJ	D	6,216,168		Dev et al.	04/10/2001	
MJ	E	6,212,184		Venkatachary et al.	04/03/2001	
MJ	F	6,212,183		Wilford	04/03/2001	
MJ	G	6,192,051		Lipman et al.	02/20/2001	
MJ	H	6,181,698		Hariguchi	01/30/2001	
MJ	I	6,173,384		Weaver	01/09/2001	
MJ	J	6,157,955		Narad et al.	12/05/2000	
MJ	K	6,154,446		Kadambi et al.	11/28/2000	
MJ	L	6,147,976		Shand et al.	11/14/2000	
MJ	M	6,141,738		Munter et al.	10/31/2000	
MJ	N	6,128,664		Yanagidate et al.	10/03/2000	
MJ	O	6,119,171		Alkhatib	09/12/2000	
MJ	P	6,081,440		Washburn et al.	06/27/2000	
MJ	Q	6,058,431		Srisuresh et al.	05/02/2000	
MJ	R	6,052,683		Irwin	04/18/2000	
MJ	S	6,018,524		Turner et al.	01/25/2000	
MJ	T	6,011,795		Varghese et al.	01/04/2000	

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

4/27/05

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (10-98)

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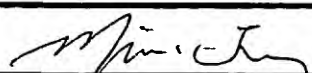
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet <u>1</u> of <u>1</u>		Complete if Known	
		Application Number	Not Assigned
		Filing Date	Herewith
		First Named Inventor	Pronita Mehrotra
		Group Art Unit	Not Assigned
		Examiner Name	Not Assigned
		Attorney Docket Number	297/144/2

10/18/01

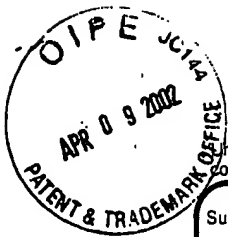
OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
mtj	A	LAMPSON ET AL., "IP Lookups Using Multiway and Multicolumn Search," IEEE, p. 1248-1256, (1998).	X
mtj	B	WALDVOGEL ET AL., "Scalable High Speed IP Routing Lookups," ACM, p. 25-36, (1997).	X
mtj	C	DEGERMARK ET AL., "Small Forwarding Tables for Fast Routing Lookups," ACM, p. 3-14, (1997).	X

Examiner Signature		Date Considered	4/27/05
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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	09/981,858
Filing Date	10/18/2001
First Named Inventor	Pronita Mehrotra
Group Art Unit	2661
Examiner Name	Not Assigned
Attorney Docket Number	297/144/2

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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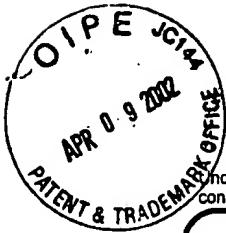
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
mj	B1	MICHIGAN UNIVERSITY AND MERIT NETWORK, "Internet Performance Measurement and Analysis Project," http://nic.merit.edu/ipma , p. 1-17, (2002).	X
mj	B2	NICK MCKEOWN, "How Scalable is the Capacity of (Electronic) IP Routers," Optical Fiber Communication Conference, p. 1-36, (March 2001).	X
mj	B3	CHIUEH ET AL., "Cache Memory Design for Network Processors," Proceedings of Sixth International Symposium on High-Performance Computer Architecture, p. 1-10, (2000).	X
mj	B4	YAZDANI ET AL., "Fast Scalable Schemes for the IP Address Lookup Problem," Proc. IEEE Conference on High Performance Switching and Routing, p. 83-92, (2000).	X
mj	B5	WEI ET AL., "Just-In-Time Signaling for WDM Optical Burst Switching Networks," Journal of Lightwave Technology, Vol. 18 (No. 12), p. 2019-2037, (December 2000).	X
mj	B6	LISTANTI ET AL., "Architectural and Technological Issues for Future Optical Internet Networks," IEEE Communications Magazine, p. 82-92, (September 2000).	X
mj	B7	CHIUEH ET AL., "High-Performance IP Routing Table Lookup Using CPU Caching," Proc. IEEE INFO-COM '99, p. 1421-1428, (1999).	X
mj	B8	MCKEOWN ET AL., "High Performance Switches and Routers: Theory and Practice," Hot Interconnects Tutorial Slides, http://tiny-tera.stanford.edu/nickm/talks/index.html , p. 1-126, (1999).	X
mj	B9	NILSSON ET AL., "IP-Address Lookup Using LC-Tries," IEEE Journal on Selected Areas in Communications, Vol. 17 (No. 6), p. 1083-1092, (June 1999).	X
mj	B10	HUANG ET AL., "A Novel IP-Routing Lookup Scheme and Hardware Architecture for Multigigabit Switching Routers," IEEE Journal on Selected Areas in Communications, Vol. 17 (No. 6), p. 1093-1104, (June 1999).	X
mj	B11	GUPTA ET AL., "Routing Lookups in Hardware at Memory Access Speeds," Proc. IEEE INFOCOM'98, p. 1240-1247, (1998).	X

Examiner Signature	<i>mj</i>	Date Considered	4/27/05
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	09/981,858		
		Filing Date	10/18/2001		
		First Named Inventor	Pronita Mehrotra		
		Group Art Unit	2661		
		Examiner Name	Not Assigned		
Sheet	2	of	2	Attorney Docket Number	297/144/2

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
mg	B12	J.M. RABNEY, "Digital Integrated Circuits, A Design Perspective," Prentice Hall, Ch. 8, p. 446-454, (1996).	X
mg	B13	KEITH SKLOWER, "A Tree-Based Packet Routing Table for Berkeley Unix," Technical Report, p. 1-14.	X


Examiner Signature	<i>mg Jung</i>	Date Considered	4/27/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

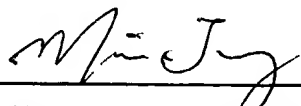
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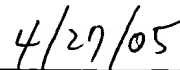


FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket No. 297/144/2		Serial No. 09/981,858	
List of Documents Cited by Applicant				<div style="text-align: center;">  </div>			
Applicant(s): Mehrotra et al.							
Filing Date: October 18, 2001				Group 2661			
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing date if Appropriate
mJ		US 5,491,694	02/13/96	Oliver et al.			
mJ		US 5,790,546	08/04/98	Dobbins et al.			
mJ		US 5,909,440	06/01/99	Ferguson et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Name of Patentee or Applicant	Translation Yes No	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							

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